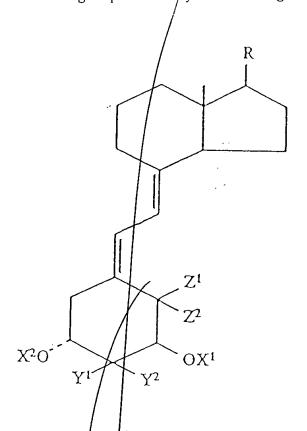
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What is Claimed is:

- 1. A method of treatment, comprising:
 - a) providing:
 - i) a subject with symptoms of inflammatory bowel disease, and
 - ii) a therapeutic composition comprising a biologically active vitamin D compound; and
- b) administering said therapeutic composition to said subject under conditions such that said symptoms are reduced.
- 2. The method of Claim 1, wherein said subject is a mammal.
 - 3. The method of Claim 1, wherein the subject is selected from a human, non-human primate, horse, dog, and cat.
- 4. The method of Claim wherein said therapeutic composition further comprises a transdermal patch.
- 5. The method of Claim 1, wherein said biologically active vitamin D compound is selected from the group of vitamin D, $1\alpha,25-(OH)_2-16$ -ene-D₃, $1\alpha,25-(OH)_2-24$ -oxo-16-ene-D₃, $1\alpha,24R(OH)_2$ -D₃, $1\alpha,25(OH)_2-22$ -oxa-D₃, 20-epi-22-oxa-24a,24b,-dihomo- $1\alpha,25(OH)_2$ -D₃, 20-epi-22-oxa-24a,26a,27a,-trihomo- $1\alpha,25(OH)_2$ -D₃, 20-epi-22-oxa-24homo- $1\alpha,25(OH)_2$ -D₃, 1,25- $OH)_2$ -16,23E-diene-26-trifluoro-19-nor-D₃.

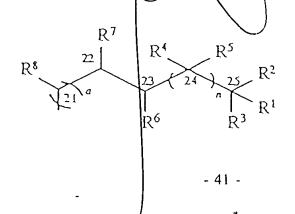
6. The method of Claim 1, wherein said biologically active vitamin D compound is selected from the analogs represented by the following formula:



wherein X^1 and X^2 are each selected from the group consisting of hydrogen and acyl;

wherein Y^1 and Y^2 can be H, or one can be O-aryl or O-alkyl while the other is hydrogen and can have a β or α configuration; Z^1 and Z^2 are both H or, Z^1 and Z^2 taken together are CH_2 ; and

wherein R is an alkyl, hydroxyalkyl or fluoroalkyl group, or R may represent the following side chain:



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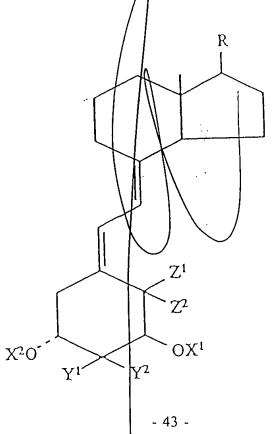
wherein (a) may have an S or R configuration and wherein R¹ represents hydrogen, hydroxy or O-acyl, R² and R³ are each selected from the group consisting of alkyl, hydroxyalkyl and fluoroalkyl, or, when taken together represent the group--(CH₂)_m--where m is an integer having a value of from 2 to 5, R⁴ is selected from the group consisting of hydrogen, hydroxy, fluorine, O-acyl, alkyl, hydroxyalkyl and fluoroalkyl, R⁵ is selected from the group consisting of hydrogen, hydroxy, fluorine, alkyl, hydroxyalkyl and fluoroalkyl, or, R⁴ and R⁵ taken together represent double-bonded oxygen, R⁶ and R⁷ taken together form a carbon--carbon double bond and R⁸ may be H or CH₃, and wherein n is an integer having a value of from 1 to 5, and wherein the carbon at any one of positions 20, 22, or 23 in the side chain may be replaced by an O, S, or N atom.

- 7. The method of Claim 1, wherein said administration is 0.1-20 μg per day per 160 pound subject.
- 8. The method of Claim 1, wherein said administration does not cause serious hypercalcemia.
- 9. The method of Claim 1, wherein said administration does not cause symptoms of hypercalcemia.
- 10. The method of Claim 1, wherein the route of administration is selected from intravenously, orally, parenterally, topically, and rectally.
- 20 11. The method of Claim 1, wherein said biologically active vitamin D compound is administered in a therapeutically effective amount.
 - 12. The method of Claim 11, wherein said therapeutically effective amount is the maximum the patient can tolerate without developing serious hypercalcemia.

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- 13. A method of treatment, comprising:
 - a) providing:
 - i) a subject at risk for inflammatory bowel disease, and
 - ii) a therapeutic composition comprising a biologically active vitamin D compound; and
- b) prophylactically administering said therapeutic composition to said subject.
- 14. The method of Claim 13, wherein said biologically active vitamin D compound is selected from the group of vitamin D, $1\alpha,25-(OH)_2-16$ -ene-D₃, $1\alpha,25-(OH)_2-24$ -oxo-16-ene-D₃, $1\alpha,24R(OH)_2$ -D₃, $1\alpha,25(OH)_2$ -22-oxa-D₃, 20-epi-22-oxa-24a,24b,-dihomo- $1\alpha,25(OH)_2$ -D₃, 20-epi-22-oxa-24a,26a,27a,-trihomo- $1\alpha,25(OH)_2$ -D₃, 20-epi-22-oxa-24homo- $1\alpha,25(OH)_2$ -D₃, 1,25- $(OH)_2$ -16,23 E-diene-26-trifluoro-19-nor-D₃.
- 15. The method of Claim 13, wherein said biologically active vitamin D compound is selected from the analogs represented by the following formula:



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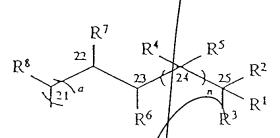
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wherein X^1 and X^2 are each selected from the group consisting of hydrogen and acyl;

wherein Y^1 and Y^2 can be H, or one can be O-aryl or O-alkyl while the other is hydrogen and can have a β or α configuration; Z^1 and Z^2 are both H, or Z^1 and Z^2 taken together are CH_2 ; and

wherein R is an alkyl, hydroxyalkyl or fluoroalkyl group, or R may represent the following side chain:



wherein (a) may have an S or R configuration and wherein R¹ represents hydrogen, hydroxy or O-acyl, R² and R³ are each selected from the group consisting of alkyl, hydroxyalkyl and fluoroalkyl, or, when taken together represent the group--(CH₂)_m--where m is an integer having a value of from 2 to 5, R⁴ is selected from the group consisting of hydrogen, hydroxy, fluorine, O-acyl, alkyl, hydroxyalkyl and fluoroalkyl, R⁵ is selected from the group consisting of hydrogen, hydroxy, fluorine, alkyl, hydroxyalkyl and fluoroalkyl, or, R⁴ and R⁵ taken together represent double-bonded oxygen, R⁶ and R⁷ taken together form a carbon--carbon double bond and R⁸ may be H or CH₃, and wherein n is an integer having a value of from 1 to 5, and wherein the carbon at any one of positions 20, 22, or 23 in the side chain may be replaced by an O, S, or N atom.

- 16. The method of Claim 13, wherein said administration delays the onset of symptoms of inflammatory bowel disease.
- 25 17. The method of Claim 13, wherein said subject at risk for inflammatory bowel disease is a human.

- 18. The method of Claim 17, wherein said human is selected from a young adult, a person living in the United States, a person living in England, a person living in Northern Europe, a person of Jewish descent, a person living in a developing nation, a person with family members who suffer from inflammatory bowel disease or a person determined to carry an IBD risk gene.
- 19. The method of Claim 13, wherein the route of administration is selected from intravenously, orally, parenterally, topically, and rectally.
- 20. The method of Claim 13 wherein said therapeutic composition further comprises a transdermal patch.

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